PRO 10600

LARGE FORMAT INKJET PRINTER

EPSON STYLUS™ PRO 10600

For printing professionals who demand exceptional print and production capabilities without sacrificing image quality or print durability

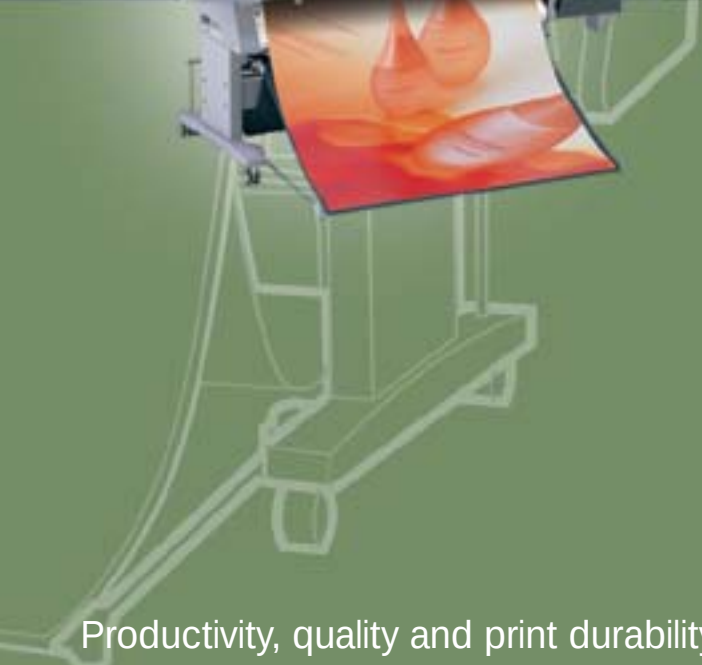
- Unique EPSON MicroPiezo™ print head
- 1440 x 720dpi Print Resolution
- Variable Sized Droplet Technology
- 6 Colour Inking System (K,Y,M,C,Lm,Lc)
- High Performance printing up to 20m^2 per hour
- Direct Printing onto media up to 1.5mm thick
- Printing from A4 to B0+
- Optional Adobe Postscript® RIP
- Choice of 3 Advanced Ink Technologies:-
  - QuickDry™ Dye Ink (STYLUS™ PRO 10600DYE)
  - ColorFast™ Pigment Ink (STYLUS™ PRO 10600CF)
  - UltraChrome™ Pigment Ink technology (STYLUS™ PRO 10600UC)

EPSON®

PRO GRAPHICS

EPSON®

PRO 10600



Regardless of the model, every EPSON STYLUS™ PRO 10600 delivers:

> High Image Quality

> Unmatched Print Durability

> Higher Productivity

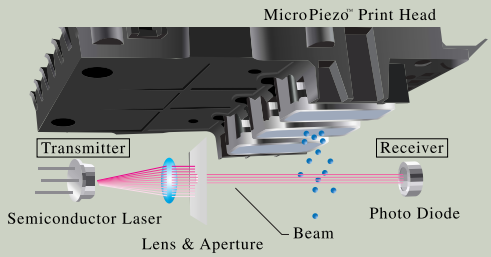
> Greater Media Flexibility

> Intelligent Printing

> Enhanced Reliability

> Lower Cost of Ownership

Productivity, quality and print durability are key considerations in the world of large format printing and they are met in full by the EPSON STYLUS™ PRO 10600 series. Perfect for low cost CAD environments where dye-based inks are prevalent, the STYLUS™ PRO 10600DYE features EPSON's advanced QuickDry™ inks. For signage makers, the STYLUS™ PRO 10600CF model delivers outstanding lightfastness and outdoor durability. In the areas of pre-press, fine arts, photography, indoor point-of-sale materials and mapping, the UltraChrome™ ink set of the STYLUS™ PRO 10600UC provides results that are quite simply best-of-breed.



Auto Print Head Optimisation System

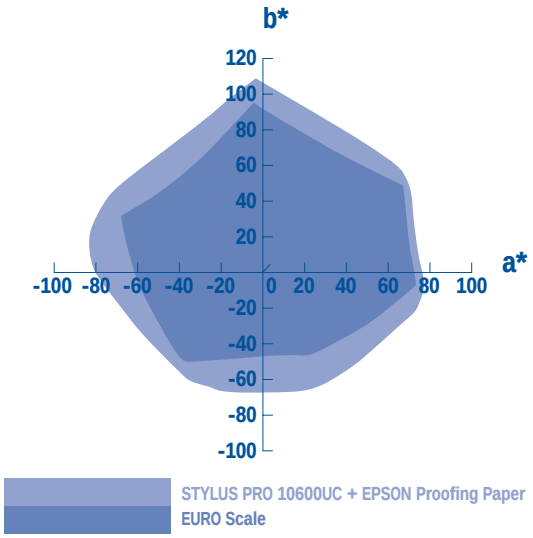
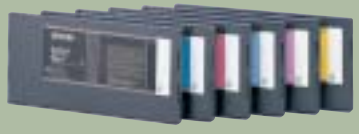


Photo Accelerator Card

EPSON Ultrachrome™ Ink

EPSON QuickDry™ Ink



EPSON ColorFast™ Ink

Automatic Print Head Optimisation System (APHOS)

This laser-enhanced auto-detection technology automatically checks the integrity of all 1080 nozzles in the MicroPiezo™ print head before printing a new page. Taking only four seconds to complete the cycle, APHOS moves the STYLUS™ PRO 10600 into its cleaning cycle if clogging is detected. As a result of this advanced automation, users of the printer benefit from dramatically improved print quality and integrity as well as great unattended printing reliability.

EPSON UltraChrome™ Pigment Ink

With the EPSON STYLUS™ PRO 10600UC, the introduction of EPSON's UltraChrome™ pigment-based ink technology means the ability to create extremely high quality prints with superior lightfastness, excellent short term colour stability, high waterfastness and a wider colour gamut than with other inks. A pigment ink that encapsulates each pigment particle within a layer of polymerised resin, UltraChrome™ Ink in conjunction with EPSON Specialty Media delivers prints with super-smooth, grain-free surfaces. The UltraChrome™ Ink set also includes your choice of Photo Black Ink and Matte Black Ink for unrivalled black printing on a greater range of media surfaces.

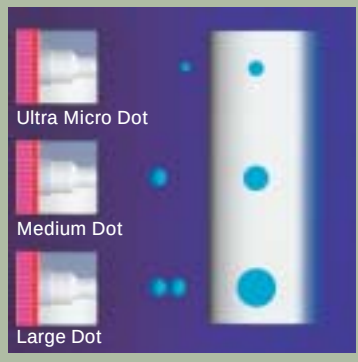
Photo Accelerator Technology (PAT)

Utilising the latest ASIC technology, the EPSON STYLUS™ PRO 10600 maximises print data throughput and thus achieve the ultimate in speed and productivity. The printer driver compresses the application print data without processing and transmits it directly across the high speed interface to the EPSON Photo Accelerator module. The Photo Accelerator then decompresses the data and applies sophisticated colour matching and half-toning for precise image reproduction at data transmission and processing speeds in excess of twice that previously available.

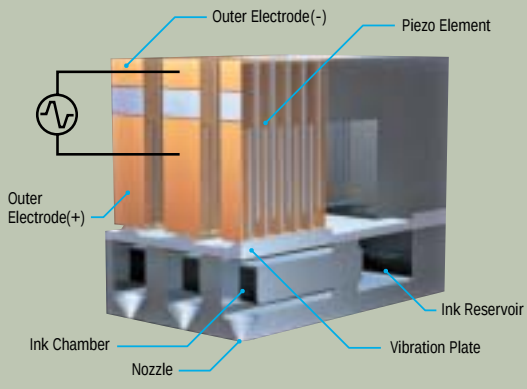
High Capacity 500cc Intellidge® Ink Cartridge System

A major advance in inkjet printing technologies, the EPSON Intellidge® (Intelligent cartridge) system represents greater ink and cost savings than with traditional "dumb" cartridges. An integrated circuit on each cartridge stores the remaining ink volume, ensuring accurate reporting via the on-screen status monitor* while also allowing the printer to change the ink cartridges on-the-fly without loss of image quality or production time. And with 500cc ink cartridge capacity, the EPSON STYLUS™ PRO 10600 is ideally suited to unattended large volume printing.

*only available using EPSON printer drivers.



Variable Sized Droplet Technology



Micro Piezo Print Head

Variable Sized Droplet Technology (VSDT)

This unique EPSON technology exerts precise control of each nozzle in the EPSON STYLUS™ PRO 10600's MicroPiezo™ print head. The result of this control is an ink droplet "free distribution" capability, with each nozzle able to produce any one of three different size ink droplets in the one printed pass. Aside from contributing to the printer's overall high speed rating, VSDT represents excellent continuous tones and photographic transitions.

EPSON MicroPiezo™ Print Head

A key technology in EPSON's worldwide inkjet printing leadership, the MicroPiezo™ print head is designed to extend significantly print head life. With the EPSON STYLUS™ PRO 10600, the MicroPiezo™ print head features a total of 1080 individually controlled (via Variable Sized Droplet Technology) ink nozzles - 180 per colour. Longer and more reliable unattended printing capabilities, as well as greater colour consistency, are only two of the numerous benefits that the MicroPiezo™ print head delivers to professional and high demand print environments. MicroPiezo™ print head technology eliminates the expensive task of frequently replacing print heads, giving users greater unattended printing capabilities at a reduced cost of ownership.

Up to 200 Years Lightfastness, with EPSON Colorfast™ Pigment Ink

The EPSON STYLUS™ PRO 10600CF is equipped with EPSON's ColorFast™ pigment-based ink technology, which has been specifically formulated to work with the latest genuine media. In combination, ColorFast™ ink and genuine media enables image lightfastness of up to 200 years.**

Versatile Paper Handling

With its ability to handle paper sizes from A4 through to B0+ (1,118mm), the EPSON STYLUS™ PRO 10600 can meet virtually any print size requirements. Added to this is the versatility of dual paper support with front loading of both cut sheet and roll media, ideal for small offices. Also available is an optional automatic take up reel and manual media cutter unit, for cutting the thickest of media's.

Greater Connectivity

The standard interfaces of the printer ensure compatibility with a broad range of computer environments, supporting ECP Parallel, USB 1.1, IEEE 1394 Firewire and 10/100 Base-T Ethernet.

What you need to know about EPSON Inks

EPSON Ultrachrome™ Ink

- Extremely wide colour gamut rivalling that of today's dye ink technologies
- Industry leading, all new 6-colour (C,M,Y,K,Lm,Lc) pigment-based inking system
- Represents the lowest running costs and the best value for money
- Two user exchangeable black ink modes
- In combination with the MicroPiezo™ Print Head, EPSON Ultrachrome™ Ink can produce an Ultra Micro dot of 4pl
- Excellent short term colour stability making it ideal for digital proofing
- Superb waterfastness
- Indoor lightfastness up to 75** years
- Double the quantity of pigment particles in the applied ink resulting in brilliant colour reproduction that is comparable to offset printing or silver halide photography
- Higher image quality on a greater range of media types, including Matte and Plain Papers
- Achieve a high D-max on matte paper by using matte black ink

Recommended for:

- Contract Digital Proofing
- Fine Art Reproductions
- Graphic Design
- Photography
- Large Format Display Graphics
- CAD / GIS

EPSON Colorfast™ Ink

- Produces the longest life prints of any other EPSON ink technology
- Indoor lightfastness up to 200** years
- Brilliant colour gamut rivaling competitive dye based inks
- No noticeable short term colour shift for stable prints immediately after printing
- Six colour (C,M,Y,K,Lm,Lc) pigment-based inking system
- In combination with the MicroPiezo™ Print Head, EPSON ColorFast™ Ink can produce an Ultra Micro dot of 5pl

Recommended for:

- Indoor and Outdoor Signage
- Print applications where a greater lightfastness rating maybe required (eg: Fine Art reproductions)

EPSON QuickDry™ Ink

- Indoor lightfastness up to 26** years
- Six colour ink system (C,M,Y,K,Lm,Lc)
- Works well with photographic and plain bond papers
- In combination with the MicroPiezo™ Print Head, EPSON QuickDry™ Ink can produce an Ultra Micro dot of 5pl

Recommended for:

- GIS
- CAD
- General Purpose Business Graphics

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Visit our website:

www.epson.com.au
www.epson.co.nz

LARGE FORMAT INKJET PRINTER

EPSON STYLUS™ *PRO 10600*

Specifications

PRINTER TYPE		
PRINTING METHOD	On-demand inkjet (piezoelectric)	
NOZZLE CONFIGURATION	180 nozzles (Black), 900 nozzles (180 nozzles x 5 colours)	
RESOLUTION	Max. 1440dpi x 720dpi	
PRINT SPEED		
SP-10600DYE QuickDry™ Ink Technology	Up to 20 m^2/hr (Plain Paper / Speed mode) A0 size About 3.5 minutes (360dpi x 360dpi / Speed Mode / Plain Paper) About 7 minutes (720dpi x 360dpi / Speed Mode / Presentation Matte Paper) About 11 minutes (720dpi x 720dpi / Quality Mode / Presentation Matte Paper) About 20 minutes (1440dpi x 720dpi / Semigloss Photo Paper)	
SP-10600CF ColorFast™ Ink Technology	Up to 20 m^2/hr (Plain Paper / Speed mode) A0 size About 3.5 minutes (360dpi x 360dpi / Speed Mode / Plain Paper) About 7 minutes (360dpi x 720dpi / Speed Mode / Premium Glossy Photo Paper) About 11 minutes (720dpi x 720dpi / Quality Mode / Premium Glossy Photo Paper) About 20 minutes (1440dpi x 720dpi / Premium Glossy Photo Paper)	
SP-10600UC UltraChrome™ Ink Technology	Up to 20 m^2/hr (Plain Paper / Speed mode) A0 size About 3.5 minutes (360dpi x 360dpi / Speed Mode / Plain Paper) About 9 minutes (360dpi x 720dpi / Speed Mode /Premium Glossy Photo Paper) About 13 minutes (720dpi x 720dpi / Quality Mode / Premium Glossy Photo Paper) About 24 minutes (1440dpi x 720dpi / Premium Glossy Photo Paper)	

Print speed data is based upon the print engine only. Total throughput times depend upon front end RIP, file size, printer resolution, ink coverage, networking etc.

INK SYSTEM		
SP-10600DYE QuickDry™ Ink Technology	EPSON QuickDry™ Dye Ink (Individual 6 colour high capacity ink cartridge 500 ml/colour) (Black, Yellow, Magenta, Cyan, Light Magenta, Light Cyan)	
SP-10600CF ColorFast™ Ink Technology	EPSON ColorFast™ Pigment Ink (Individual 6 colour high capacity ink cartridge 500 ml/colour) (Black, Yellow, Magenta, Cyan, Light Magenta, Light Cyan)	
SP-10600UC UltraChrome™ Ink Technology	EPSON UltraChrome™ Pigment Ink (Individual 6 colour high capacity ink cartridge 500 ml/colour) (Photo Black, Yellow, Magenta, Cyan, Light Magenta, Light Cyan) + Draining Cartridge	
INK CARTRIDGE SHELF LIFE	2 years from printed production date	
PAPER HANDLING		
Roll Media	Double rolls (1 roll should be less than ø 100mm / Outside diameter) / Single roll (1 roll should be less than ø 150mm / Outside diameter)	
Cut Sheet	A single sheet	
MEDIA CUTTER	Standard	Auto media cutter (Cutter Life: 2,000 times, BO+ coated paper)
	Option	Manual cutter unit
ROLL MEDIA CORE DIMENSIONS	Core diameter 2" or 3"	
MEDIA		
	Roll Media	Media width 210mm – 1118mm Media thickness 0.08mm – 0.50mm
	Cut Sheet	Media size A4 – B0+ Media width 210mm – 1118mm Media length 279mm – 728mm Media thickness 0.08mm – 1.50mm Media length 728mm – 1580mm Media thickness 0.08mm – 0.50mm
PRINT MARGINS		
	Roll Media	3mm (top, sides, bottom) / 15mm (top, bottom), 3mm (sides) / 15mm (top, sides, bottom) *Three modes are available.
	Cut Sheet	3mm (top, sides), 14mm (bottom)
LINE ACCURACY	+/-0.2% of specified page length	
RAM	128MB	
LANGUAGES	ESC/P Raster, HPGL/2 via ZEHPlot printing utility, Adobe Postscript Level 3 with Optional Software RIP	
INTERFACES		
STANDARD	Centronics-type 8-bit Parallel interface (IEEE 1284 Nibble/ECP mode), USB Series B (1.1 compatible) Expansion slot: 10/100BaseT Ethernet Card & IEEE 1394 Firewire Card	
TOTAL PRINT VOLUME	20,000 pages (B0 size)	
ENVIRONMENTAL CONDITIONS		
	Temperature: 10° to 35°C (Operating) Humidity: 20 – 80% RH (Operating)	
ELECTRICAL SPECIFICATIONS		
	Rated Voltage: AC 120V or 220V – 240V Rated Frequency: 50 – 60Hz Power Consumption: Less than 131W (Operating) Less than 30W (Sleep Mode)	
DIMENSIONS/WEIGHT		
	Dimension: (W)1865mm x (D)680mm x (H)1222mm Weight: about 134kg (including stand)	
STANDARD PRINTER DRIVER (OS)	Macintosh 8.5.1 or later Microsoft® Windows™ 98/95/NT4.0/2000/ME/XP	
ENVIRONMENT	Energy Star	
WARRANTY	One year on-site (Metropolitan Areas)	
STANDARD ACCESSORIES		
STANDARD SPINDLE	Roll Feed Spindle 2"(Normal) x 1, 3"(High Tension) x 1	
BUNDLED MEDIA	Roll paper sample (Double Weight Matte Paper 5m) x 1 roll / Paper basket x 1 set	

RECOMMENDED ENVIRONMENT	
Windows	Microsoft® Windows98™/95/NT4.0/2000/ME CPU: Pentium II 400MHz or higher processor, Memory: 128MB RAM or more, HDD: 500MB or more free disk space
Macintosh	CPU: PowerPC G4 400MHz or more, System Software: System 8.1 or later, Memory: 20MB or more of available memory, HAD: 500MB or more free disk space

**** INDOOR LIGHTFASTNESS**

Ink lightfastness ratings based on accelerated testing of prints on speciality genuine media, displayed indoors, under glass. Actual print stability will vary according to media, printed image, display conditions, light intensity, humidity, and atmospheric conditions. EPSON does not guarantee longevity of prints. For maximum print life, display all prints under glass or lamination or properly store them. Light Source/Fluorescent light, Intensity/70,000 lux, Temperature/24ºC, Humidity/60%RH, Glass mount/2mm, soda lime, Fade criteria/Pure YMC 30% loss at OD = 1, Display-life calculation/Total illuminance. Visit www.epson.com.au for further information.

PRODUCT ACCESSORIES	
EPSON STYLUS™ PRO 10600 Print Engine with UltraChrome™ Ink	PRO10600UC
EPSON STYLUS™ PRO 10600 Print Engine with ColorFast™ Ink	PRO10600CF
EPSON STYLUS™ PRO 10600 Print Engine with QuickDry™ Ink	PRO10600DYE
EFI Fiery Spark Professional 2.0 Software RIP	C12C842723
Automatic Take-up Reel	C12C815172
Replacement 44" Take-up Reel Core	C12C815121
Replacement Automatic Cutter Blade (NEW)	C12C815271
Manual Media Cutting System	C12C815182
Replacement Manual Cutter Blade	C12C815192
Paper Feed Spindle (Normal Tension) - 2" Core	C12C811133
Paper Feed Spindle (High Tension) - 2" Core	C12C811134
Paper Feed Spindle (Normal Tension) - 3" Core	C12C811122
1 Year Extended Warranty	1YWPRO10600
2 Year Extended Warranty	2YWPRO10600
EPSON Ink Technology – UltraChrome™ Ink	
Photo Black Ink Cartridge (500mL)	C13T549100
Cyan Ink Cartridge (500mL)	C13T549200
Magenta Ink Cartridge (500mL)	C13T549300
Yellow Ink Cartridge (500mL)	C13T549400
Light Cyan Ink Cartridge (500mL)	C13T549500
Light Magenta Ink Cartridge (500mL)	C13T549600
Matte Black Ink Cartridge (500mL)	C13T549800
EPSON Ink Technology – ColorFast™ Ink	
Black Ink Cartridge (500mL)	C13T499011
Cyan Ink Cartridge (500mL)	C13T502011
Magenta Ink Cartridge (500mL)	C13T501011
Yellow Ink Cartridge (500mL)	C13T500011
Light Cyan Ink Cartridge (500mL)	C13T504011
Light Magenta Ink Cartridge (500mL)	C13T503011
EPSON Ink Technology – QuickDry™ Ink	
Black Ink Cartridge (500mL)	C13T511011
Cyan Ink Cartridge (500mL)	C13T514011
Magenta Ink Cartridge (500mL)	C13T513011
Yellow Ink Cartridge (500mL)	C13T512011
Light Cyan Ink Cartridge (500mL)	C13T516011
Light Magenta Ink Cartridge (500mL)	C13T515011

INKS – the four *genuine facts*

save money

Non-genuine inks are not as cheap as you think.

achieve best quality output

Genuine EPSON inks and ink cartridges always ensure best quality.

problem free - works every time

Genuine EPSON inks are problem free - reliable and dependable.

printer damage protection

Don't take the risk with non-genuine inks, in or out of warranty.

EPSON®

As an International ENERGY STAR Partner, EPSON has determined that this product meets the International ENERGY STAR guidelines for energy efficiency. EPSON is the registered trademark of SEIKO EPSON Corporation. EPSON STYLUS, PerfectPicture, MicroPiezo, AcuPhoto Halftoning, QuickDry are the trademarks of SEIKO EPSON Corporation. All other names and company names used herein are for identification purpose only and may be the trademarks or registered trademarks of their respective owners. EPSON disclaims any and all rights in those marks. All print samples shown herein are simulations. Specifications are subject to change without notice.